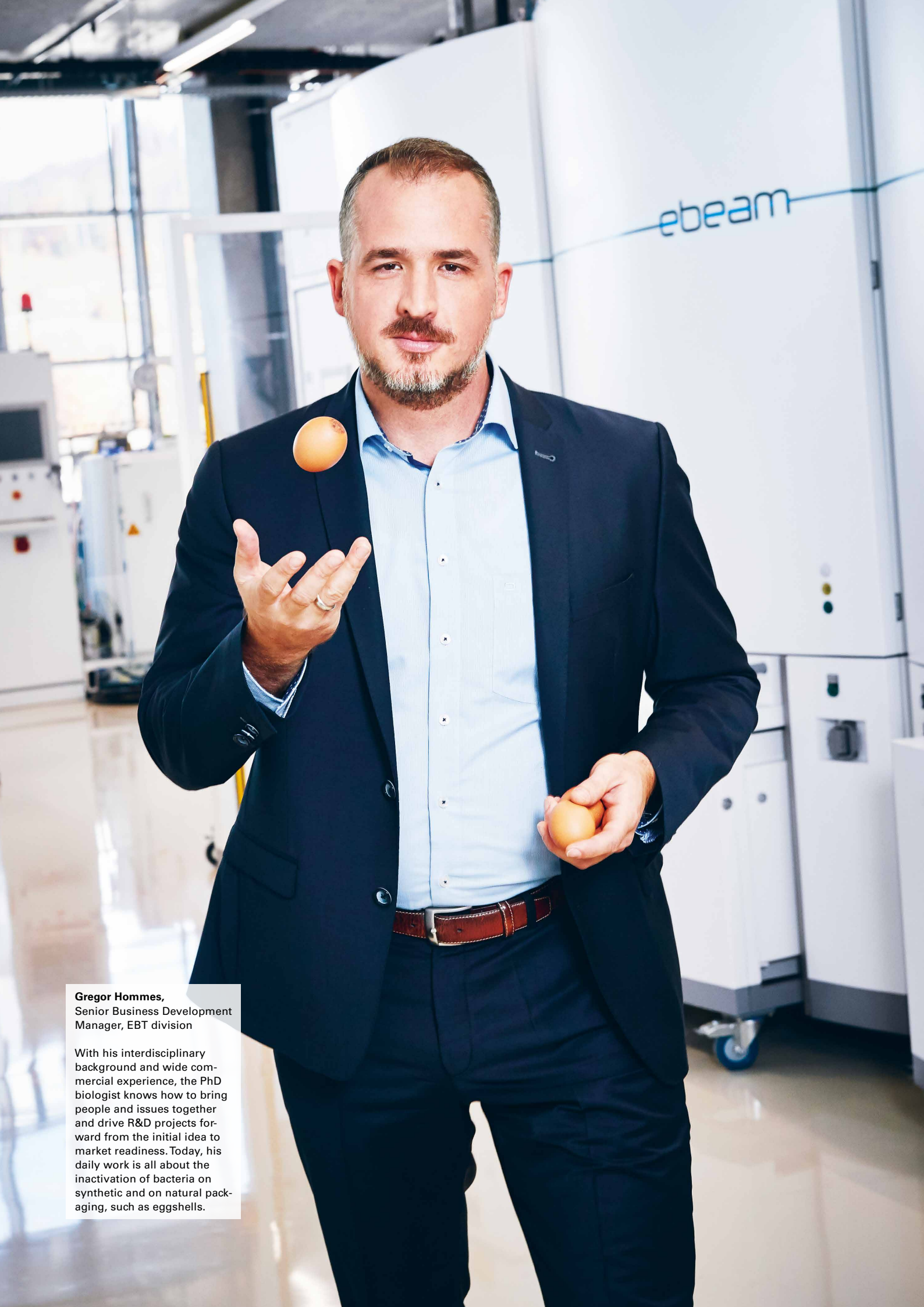

Gregor Hommes,
Senior Business Development Manager, EBT division

With his interdisciplinary background and wide commercial experience, the PhD biologist knows how to bring people and issues together and drive R&D projects forward from the initial idea to market readiness. Today, his daily work is all about the inactivation of bacteria on synthetic and on natural packaging, such as eggshells.

Sustainable and much more productive

With focus and the power of accelerated electrons

“Working with a technology that makes life better, that helps the environment and makes production processes more efficient is a daily source of motivation for me.”

“ebeam is incredibly versatile. That makes it critical for us to focus and to combine forces,” says Gregor Hommes, who has been closely involved in Comet’s emerging ebeam business for six years. The EBT division has developed sterilization applications with Tetra Pak and Bühler, companies which are making strategic use of the ebeam technology. EBT is now in talks with possible partners for developing the prototype for the treatment of hatching eggs. Through such collaborations, the reorganized division wants to scale up what has been achieved so far in terms of the technology, products, manufacturing, and the application itself. “Take our project for treating hatching eggs,” expands Gregor Hommes. “In it we were able to build on our experience with Tetra Pak drink cartons – which makes perfect sense, as an eggshell is simply a form of natural packaging. And in turn, we are now assessing what further application we can base on our work with hatching eggs.”

2009

SWISS TECHNOLOGY® AWARD

Comet presents a compact tube for using accelerated electrons in industrial manufacturing processes – and wins the Swiss Technology Award.

2015

Tetra Pak unveils the market-ready beverage filling system equipped with ebeam. Start of the partnership with Bühler.

2017

Bell Food Group and EBT begin the development of an application for the sterilization of hatching eggs. Tetra Pak is using ebeam in full-scale production.

2018

Bühler presents its machine for microbial elimination using ebeam technology in a technical launch. The trials in the hatching egg project are successful.